



RECEIVED #4

AUG 17 1992

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
GROUP 230
INFORMATION DISCLOSURE STATEMENT

Applicant: Alan K. Lund

Serial No.: 07/612,956

Date: August 7, 1992

Filed: November 12, 1990

Group Art Unit: 232 ✓

Examiner:

For: NOTEBOOK COMPUTER WITH EXTERNAL MEMBRANE SWITCH SCREEN

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Kansas City, Missouri

Honorable Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

Applicant is aware of the following references listed on the
attached PTO-1449, copies of which are enclosed:

U. S. Patents

4,117,542	J. Klausner et al.	Sep. 26, 1978
4,642,767	M. Lerner	Feb. 10, 1987
4,734,858	H. J. Schlafly	Mar. 29, 1988
4,823,265	G. E. Nelson	Apr. 18, 1989
4,827,518	T. C. Feustel et al.	May 2, 1989
4,847,760	S. Yagi	Jul. 11, 1989
4,849,884	B. H. Axelrod et al.	Jul. 18, 1989

4,852,000	W. A. Webb et al.	Jul. 25, 1989
4,853,852	N. A. Rosen	Aug. 1, 1989
4,855,725	E. A. Fernandez	Aug. 8, 1989
4,855,920	R. P. Sansone et al.	Aug. 8, 1989
4,862,389	S. Takagi	Aug. 29, 1989
4,862,390	J. A. Weiner	Aug. 29, 1989
4,905,186	T. Fukui	Feb. 27, 1990
4,912,640	S. Tsugei	Mar. 27, 1990
4,916,441	P. P. Gombrich	Apr. 10, 1990
4,924,075	T. Tanaka	May 8, 1990
4,924,451	B. Hsiung	May 8, 1990
4,926,365	L. Hsieh	May 15, 1990
4,933,842	G. L. Durbin et al.	Jun. 12, 1990
4,961,217	T. Akiyama	Oct. 2, 1990
4,980,826	S. W. Wagner	Dec. 25, 1990
4,989,141	R. J. Lyons et al.	Jan. 29, 1991
4,992,939	B. G. Tyler	Feb. 12, 1991
4,992,940	R. E. Dworkin	Feb. 12, 1991
5,086,394	S. Shapira	Feb. 4, 1992

Brochures

DynaBook	Scenario, Inc.	1988
Portfolio	Atari Corporation	1989
Datellite	MicroSlate, Inc.	1989

Agenda	Microwriter Systems plc	Date Unknown
Compumate MC	Laser Computer, Inc.	Date Unknown
FH-2000	Panasonic Industrial Co.	Date Unknown
Pocket Memory	Tele-Art Instruments	Date Unknown
Z88	SSI Computer Systems, Inc.	Date Unknown

Magazine Review

PIM'S	PC Magazine	Dec. 13, 1988
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The DynaBook brochure (Scenario, Inc. of Somerville, MA) discloses a laptop type computer device including a touchscreen overlayed on an LCD display, a 3.5 inch floppy disk, a capability of a soft keyboard, and an interface for a CD-ROM drive. Included software is not disclosed; however the DynaBook appears to be an MS-DOS compatible computer.

The Portfolio brochure (Atari Corporation) discloses a miniature laptop type MS-DOS computer including enlarged calculator type keys, an 8 by 40 character display, and internal software providing an address book, a phone directory, and a database.

The Datellite brochure (MicroSlate, Inc., Greenfield Park, Quebec, Canada) discloses a laptop type computer with a touchscreen overlayed on an LCD display, a 3.5 inch floppy disk, a soft keyboard, an external keyboard port, and Applications

Generator for operating a personal database.

The Agenda brochure (Microwriter Systems plc, Mitchum, Surrey, England) discloses a calculator type device with calculator type keys, an 80 character display, and internal software providing an appointment list, phone and address directory, a note file, an agenda list, and a filing system wherein records are retrievable according to date, alphabetic information, or content.

The Compumate MC series brochure (Laser Computer, Inc.) discloses several types of calculator type devices with calculator type keys, a 20 character display, and software providing a telephone directory, a note file, and an appointment directory.

The FH-2000 brochure (Panasonic Industrial Co.) discloses a miniature laptop type of computer with calculator type keys and an 8 by 80 character display. The FH-2000 is disclosed to be MS-DOS compatible with conventional programs inputted through a serial port or a modem.

The Pocket Memory brochure (Tele-Art Instruments, distributed by Piacchi, Channel Islands, CA) discloses a pocket calculator type device with calculator type keys, a multi-character LCD display, and software providing a card file, a note file, and the like.

The Z88 brochure (Cambridge North America, SSI Computer

Systems, Inc., Portland, Maine) discloses a miniature laptop type computer with calculator type keys, an 8 by 106 character LCD display, external port capability, and software providing a diary, a calendar, alarms, and a database.

The review PIM'S (Personal information managers) was published in PC Magazine on December 13, 1988 on pages 94 through 174. The article reviewed a variety of commercially available programs for handling personal information. Those which appeared most pertinent include Act! on page 95 (Conductor Software, Inc., Irving, TX); DayFlo Tracker on page 104 (DayFlo Software Corp., Irving, CA); InfoXL on page 122 (Valor Software Corp., San Jose, CA); and Primetime Personal on page 152 (Primetime Software, Inc., Santa Ana, CA) Each of these programs provide preset data fields, allow user defined data fields, freeform notes, and retrieval of data records based on field content. Who-What-When on page 168 (Chronos Software, Inc., San Francisco, CA) is somewhat similar but does not appear to provide for user defined data fields or data record retrieval based on content.

The above-listed references are, in the belief and opinion of the undersigned, the closest art of which the applicant is aware as of the date of execution of the Declaration in the above-captioned application.

Respectfully submitted,

Alan K. Lund

By LITMAN, McMAHON & BROWN

By 

Mark E. Brown

Reg. No. 30,361

Attorney

MEB/DAC:cd

1200 Main, Suite 1600

Kansas City, MO 64105

Phone: (816) 842-1590